

# PATENT ABSTRACTS OF JAPAN

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(54) SPEAKER

(57)Abstract:

**PROBLEM TO BE SOLVED:** To raise the rigidity to result in reduction of strains by connecting a voice coil, a dust cap and the inner wall of a vibration cone in one body.

**SOLUTION:** The speaker comprises a magnetic circuit 1 having a magnetic gap 2, a voice coil 4 having at least a coil portion movably provided in the magnetic gap 2 of the circuit 1, a vibration cone 5 with its inner wall connected to an outer portion of the gap 2 of the coil 4, and a dust cap 9A connected to the inner wall of the cone 5 to cover a vibration cone inside joint of the coil 4. The dusts cap 9A is connected to the coil 4 through adhesives 10.

1 磁気回路 5 コーン  
2 磁気ギャップ 7 フレーム  
3 銅製コイル部 8 プランジャー  
4 アルミコイル体 9A ダストキャップ  
5 振動板 10 接着剤

